

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:
Date: 3/31/05 Name: Gustavo Siller, Jr. Signature: [Signature]

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Naoya Hasagawa
Appln. No.: 09/586,624
Filed: June 2, 2000
For: SPIN-VALVE TYPE
MAGNETORESISTIVE SENSOR
AND METHOD OF
MANUFACTURING THE SAME

Examiner: Kevin M. Bernatz

Art Unit: 1773

Attorney Docket No: 9281-3660

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

☒ Transmittal Letter (in duplicate); Second Supplemental Information Disclosure Statement; PTO Form 1449; Copy of Office Action dated January 24, 2002 and April 18, 2002 for Japanese Patent Application No. 2000-016333; cited references C1-C4

☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
☐ Small Entity.
☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(____).
☐ An additional filing fee has been calculated as shown below:

| | | | | | Small Entity | | | Not a Small Entity | |
|---|----------------------------------|-------|---------------------------------|---------------|--------------|-----------|----|--------------------|-----------|
| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra | Rate | Add'l Fee | or | Rate | Add'l Fee |
| Total | | Minus | | | x \$25= | | | x \$50= | |
| Indep. | | Minus | | | x 100= | | | x \$200= | |
| First Presentation of Multiple Dep. Claim | | | | | +\$180= | | | +\$360= | |
| | | | | | Total | \$ | | Total | \$ |

Fee payment:

- ☐ A check in the amount of \$_____ is enclosed.
☐ Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

Date

Gustavo Siller, Jr., Reg. No. 32,305



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Naoya Hasagawa

Appln. No.: 09/586,624

Filed: June 2, 2000

For: SPIN-VALVE TYPE
MAGNETORESISTIVE SENSOR
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**SECOND SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(i)**

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(i), Applicant hereby cites the following reference(s):

| No. | Date of Publication |
|-----------|---------------------|
| 10-341048 | 12/1998 |
| 10-294506 | 11/1998 |

Applicant is enclosing Form PTO-1449 (one sheet), along with a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2). Also enclosed are copies of Office Actions dated January 24, 2002 and April 18, 2002 for Japanese Patent Application No. 2000-016333. Applicant respectfully requests that the citation(s) be placed into the file wrapper of the application.

By submitting this Statement, Applicant is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

Applicant has calculated no fee to be due in connection with the filing of this Statement. However, the Director is authorized to charge any fee deficiency associated

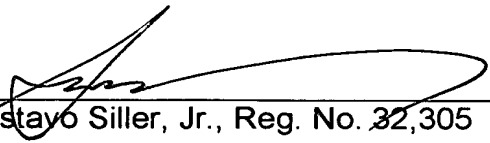
with the filing of this Statement to a deposit account, as authorized in the Transmittal accompanying this Statement.



Date

3/3/05

Respectfully submitted,


Gustavo Siller, Jr., Reg. No. 32,305



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|---|-------------------------------------|-------------------------------|
| FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary) | SERIAL NO. 09/586,624 | CASE NO. 9281-3660 |
| | FILING DATE June 2, 2000 | GROUP ART UNIT 1773 |
| | APPLICANT(S): Naoya Hasegawa | |

| REFERENCE DESIGNATION | | | U.S. PATENT DOCUMENTS | | | |
|-----------------------|--|--------------------|-----------------------|------|--------------------|----------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|--------------------|---------|---------|--------------------|-----------------------|--|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES NO | |
| | C1 | 10-341048 | 12/1998 | Japan | | X | |
| | C2 | 10-294506 | 11/1998 | Japan | | X | |
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| EXAMINER INITIAL | OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.) | |
|---------------------|--|--|
| | C3 | Copy of Office Action dated January 24, 2002 for Japanese Patent Application No. 2000-016333 |
| | C4 | Copy of Office Action dated April 18, 2002 for Japanese Patent Application No. 2000-016333 |
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|-----------------|------------------------|
| EXAMINER | DATE CONSIDERED |
|-----------------|------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.